



FAZIX/001 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : Ardin H. Marschel  
Group Art Unit : 1631  
Applicant : Jonathan M. Friedman  
Application No.: 09/910,592 Confirmation No.: 1403  
Filed : July 20, 2001  
For : A METHOD FOR AB INITIO DETERMINATION OF  
MACROMOLECULAR CRYSTALLOGRAPHIC PHASES  
AT MODERATE RESOLUTION BY A SYMMETRY-  
ENFORCED ORTHOGONAL MULTICENTER  
SPHERICAL HARMONIC-SPHERICAL BESSEL  
EXPANSION.

#10  
Plunkett  
4/24/03

New York, New York  
April 16, 2003

Hon. Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SUBMISSION OF FORMAL DRAWINGS

Sir:

This is in response to the December 11, 2002  
Notice of Draftsperson's Patent Drawing Review and the  
December 17, 2002 Restriction Requirement in the above-  
identified application. Pursuant to 37 C.F.R. § 1.85,  
applicant submits herewith amended formal drawings according  
to the Draftsperson's instructions.

Specifically, applicant submits seven (7) sheets of Figures 1-7 to be substituted for the seven (7) sheets of informal Figures 1-7 that were filed on November 6, 2001.

Applicant believes that the formal drawings submitted herewith comply with the Draftsperson's requirements set forth in the Notice of Draftsperson's Patent Drawing Review (PTO 948, part of Paper No. 7 (copy enclosed)). Applicant has amended Figures 3-6 to correct the margins. Applicant has amended Figures 1-7 to improve the line quality, improve the legibility of numbers and reference characters and add higher quality figure legends. None of these amendments adds new matter.

Applicant believes that under 37 C.F.R. § 1.85, a fee is not required. The Director is however authorized to charge payment of any fee that may be required to Deposit Account No. 06-1075. A duplicate copy of this document is transmitted herewith.

Respectfully submitted,



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James F. Haley, Jr. (Reg. No. 27,794)  
Attorney for Applicant  
Kristin M. Joslyn (Reg. No. 47,692)  
Lawrence M. Brown (Reg. No. 52,660)  
Agents for Applicant  
c/o FISH & NEAVE (Customer No. 1473)  
1251 Avenue of the Americas  
New York, New York 10020-1104  
Tel.: (212) 596-9000  
Fax.: (212) 596-9090



REV. 02/02  
For A Small Entity

Docket No. FAZIX/001 US

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SPHERICAL BESSEL EXPANSION.

Hon. Commissioner  
for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

New York, New York  
April 16, 2003

TRANSMITTAL LETTER

Sir:

Transmitted herewith: [ ] a Preliminary  
Amendment; [X] Amendment and Reply to Restriction  
Requirement; [X] a Petition for Extension of Time under 37  
C.F.R. § 1.136(a); [ ] a Declaration; [X] Submission of  
Formal Drawings; [X] a copy of the Notice of Draftsperson's  
Patent Drawing Review; [X] formal drawings (7 sheets); to be  
filed in the above-identified patent application.

FEE FOR ADDITIONAL CLAIMS

[X] A fee for additional claims is not required.

[ ] A fee for additional claims is required.



04-21-03

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Date of Deposit: April 16, 2003

I hereby certify that this paper/fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Hon. Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

  
Claire J. Saintil-van Goodman

Transmittal Letter (in duplicate);  
Amendment and Reply to Restriction Requirement;  
Petition for Extension of Time under C.F.R. Section 1.136(a) (in duplicate);  
Copy of the Notice of Draftsperson's Patent Drawing Review;  
Formal drawings (7 sheets); and  
Check in the amount of \$465.00.

The additional fee has been calculated as shown below:

CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDITIONAL FEES
TOTAL CLAIMS	48	-	69	* = 0 X \$ 9 = \$ 0
INDEPENDENT CLAIMS	2	-	3	** = 0 X \$ 42 = \$ 0
FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM				+ \$140 = \$ 0

\* If less than 20, insert 20. TOTAL \$ 0

\*\* If less than 3, insert 3.

[ ] A check in the amount of \$\_\_\_\_\_ in payment of the filing fee is transmitted herewith.

[X] The Director is hereby authorized to charge payment of any additional filing fees required under 37 C.F.R. § 1.16, in connection with the paper(s) transmitted herewith, or credit any overpayment of same, to deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.

[ ] Please charge \$\_\_\_\_\_ to Deposit Account No. 06-1075 in payment of the filing fee. A duplicate copy of this transmittal letter is transmitted herewith.

#### EXTENSION FEE

[X] The following extension is applicable to the Response filed herewith; [ ] \$55.00 extension fee for response within first month pursuant to 37 C.F.R. § 1.136(a); [ ] \$205.00 extension fee for response within second month pursuant to 37 C.F.R. § 1.136(a); [X] \$465.00 extension fee for response within third month pursuant to 37 C.F.R. § 1.136(a); [ ] \$725.00 extension fee for response within fourth month pursuant to 37 C.F.R. § 1.136 (a); [ ] \$985.00 extension fee for response within fifth month pursuant to 37 C.F.R. 1.136(a).



- [X] A check in the amount of ☐ \$55.00; ☐ \$205.00; ☒ \$465.00; ☐ \$725.00; ☐ \$985.00; in payment of the extension fee is transmitted herewith.
- [X] The Director is hereby authorized to charge payment of any additional fees required under 37 C.F.R. § 1.17 in connection with the paper(s) transmitted herewith, or to credit any overpayment of same, to Deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.
- ☐ Please charge the ☐ \$55.00; ☐ \$205.00; ☐ \$465.00; ☐ \$725.00; ☐ \$985.00; extension fee to Deposit Account No. 06-1075. A duplicate copy of this transmittal letter is transmitted herewith.

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